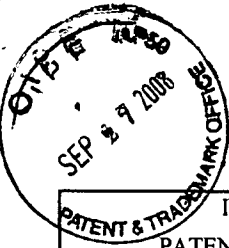


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 <p>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	APPLICATION NO:	10/522,320
	FILING DATE:	January 24, 2005
	FIRST NAMED	John L. Schenk
	ART UNIT:	1651
	EXAMINER NAME:	Leon B. Lankford
	DOCKET NO:	XY-Optimum-USNP

I. US PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO. & KIND CODE (if known)	PATENTEE OR APPLICANT	PUBLICATION/ISSUE DATE mm/dd/yyyy	Pages, Columns, Lines Where Relevant Passages Or Relevant Drawings Appear
	7,094,527	Seidel et al.	8/22/2006	
	2005/0282245	Ludwig et al.	12/22/2005	
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	2005/0214733 A1	Graham et al.	9/29/2005	

II. FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Foreign Patent Document Country Code, Number, Kind Code (if known)	PATENTEE OR APPLICANT NAME	PUB'N DATE mm- dd-yyyy	TRANSLATION	
				Yes	No
	WO 93/17322 A1	Univ. of Hertfordshire GB	9/02/1993		
	UK 1 471 019	United Aircraft Corp.	4/21/1977		
	WO 2006/012597	Monsanto Technology LLC	2/2/2006		

III. OTHER REFERENCES

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	Milk Production and Biosynthesis University of Guelph/Dairy Science and Technology www.foodsci.uoguelph.ca/dairyedu/biosyntheses.html
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	De Vries, A. Economic Value of Pregnancy in Dairy Cattle Journal of Dairy Sci. 89:3876-3885/American Dairy Sci. Assoc. 2006
EXAMINER:	DATE CONSIDERED
/Tiffany Gough/	06/20/2008
EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TG/

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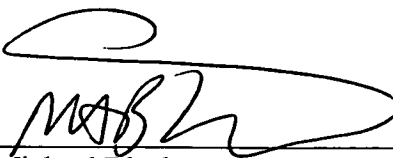
Applicants: John L. Schenk and Allison C. Lindsey
Application Number: 10/522,320
Filed: October 17, 2005
Title: Sperm Cell Process System
Assignee: XY, Inc.
Attorney Docket: XY-Optimum-USNP
Customer No. 33549

CERTIFICATE OF EXPRESS MAILING

I, Michael Blackmore, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached Information Disclosure Citation and copies of cited references with the United States Postal Service as "Express Mail" for mailing to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Dated this 27 day of September, 2006.



Michael Blackmore